TCP/IP [illegible]

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[illegible] TCP/IP [illegible]

[illegible] TCP/IP [illegible]

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1.TCP/IP [illegible]

2.TCP/IP [illegible]

3.[illegible]

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OSI [illegible]

OSI RM [illegible] Open System Interconnection Reference Model [illegible]

OSI [illegible]

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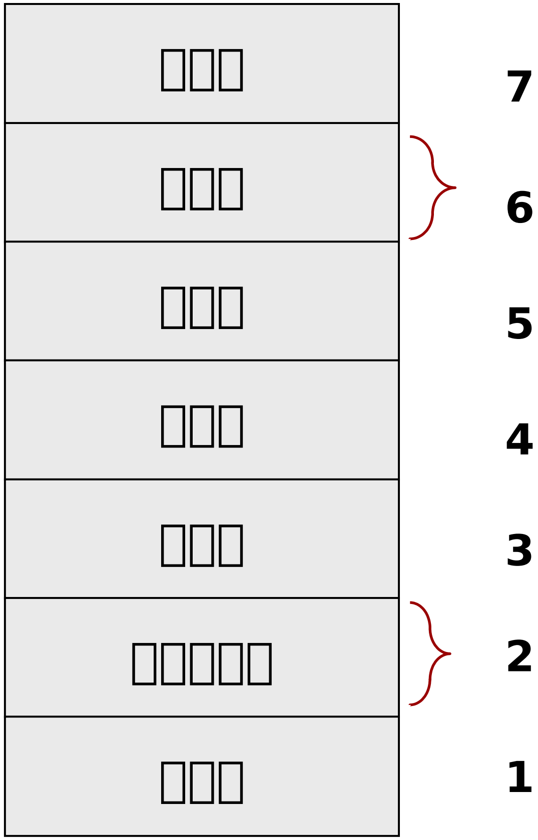
OSI [illegible]



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OSI [illegible]

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6	[illegible]	[illegible]
5	[illegible]	[illegible]
4	[illegible]	[illegible]
3	[illegible]	[illegible]
2	[illegible]	[illegible]
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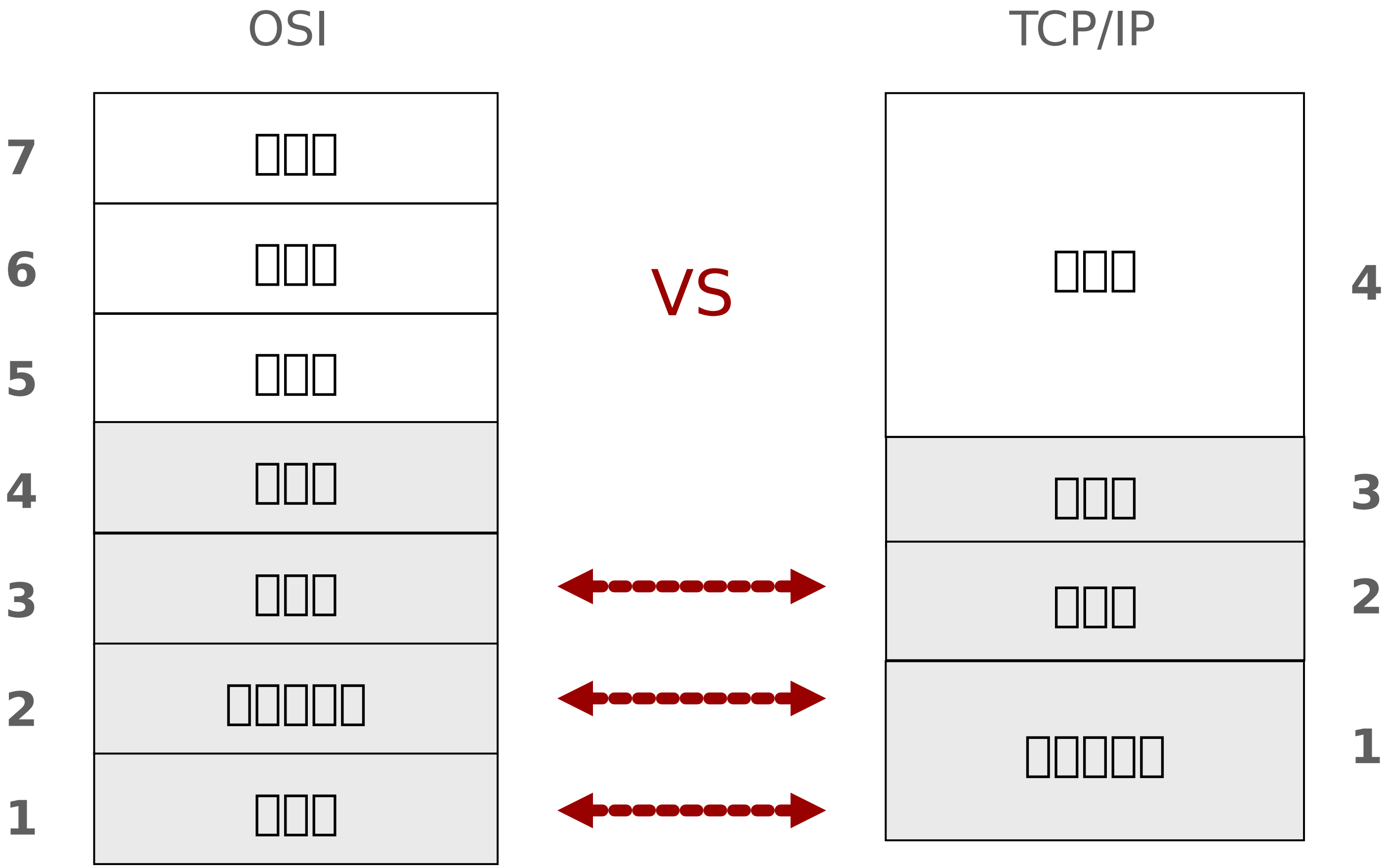
TCP/IP □□□



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TCP/IP [illegible]

[illegible]	HTTP [illegible] Telnet [illegible] FTP TFTP	[illegible]
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[illegible]	IP	[illegible]
[illegible]	Ethernet [illegible] 802.3 [illegible] PPP	[illegible]
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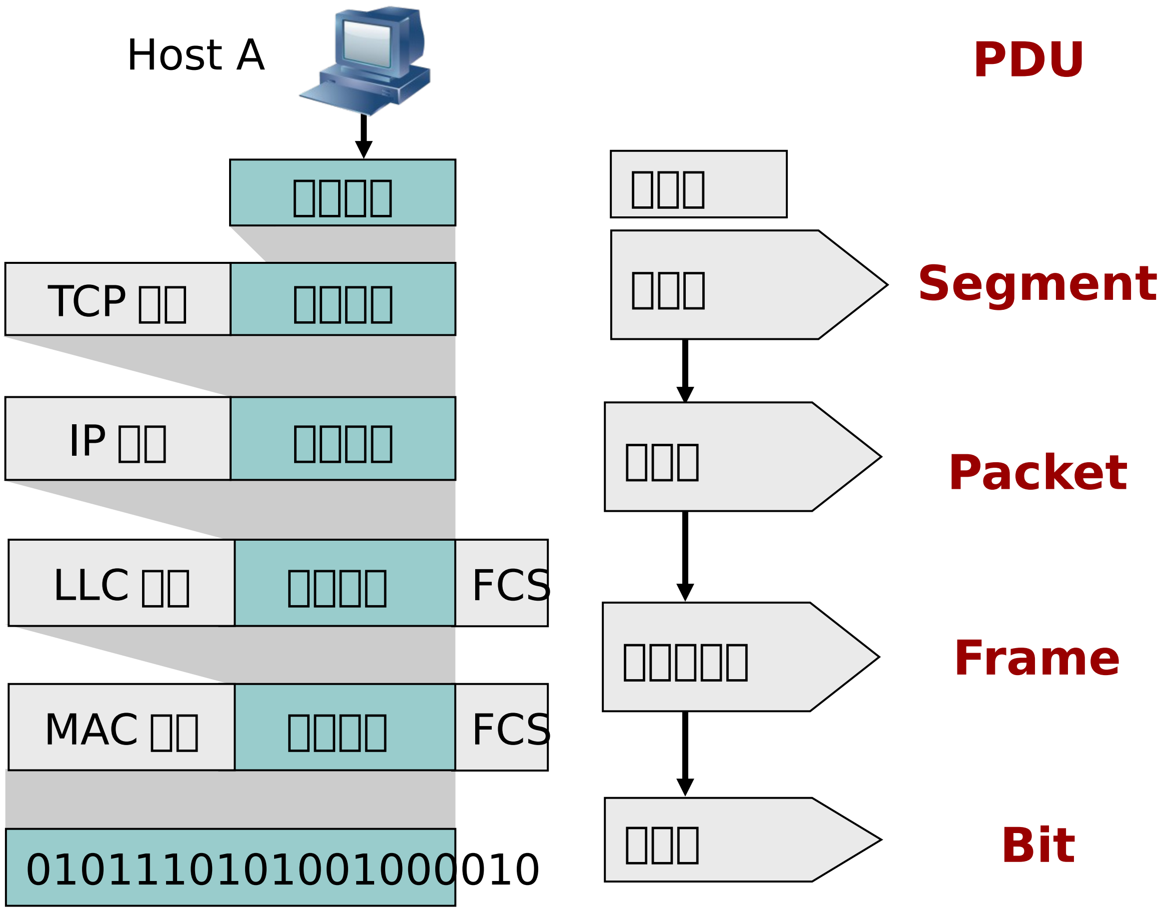
TCP/IP



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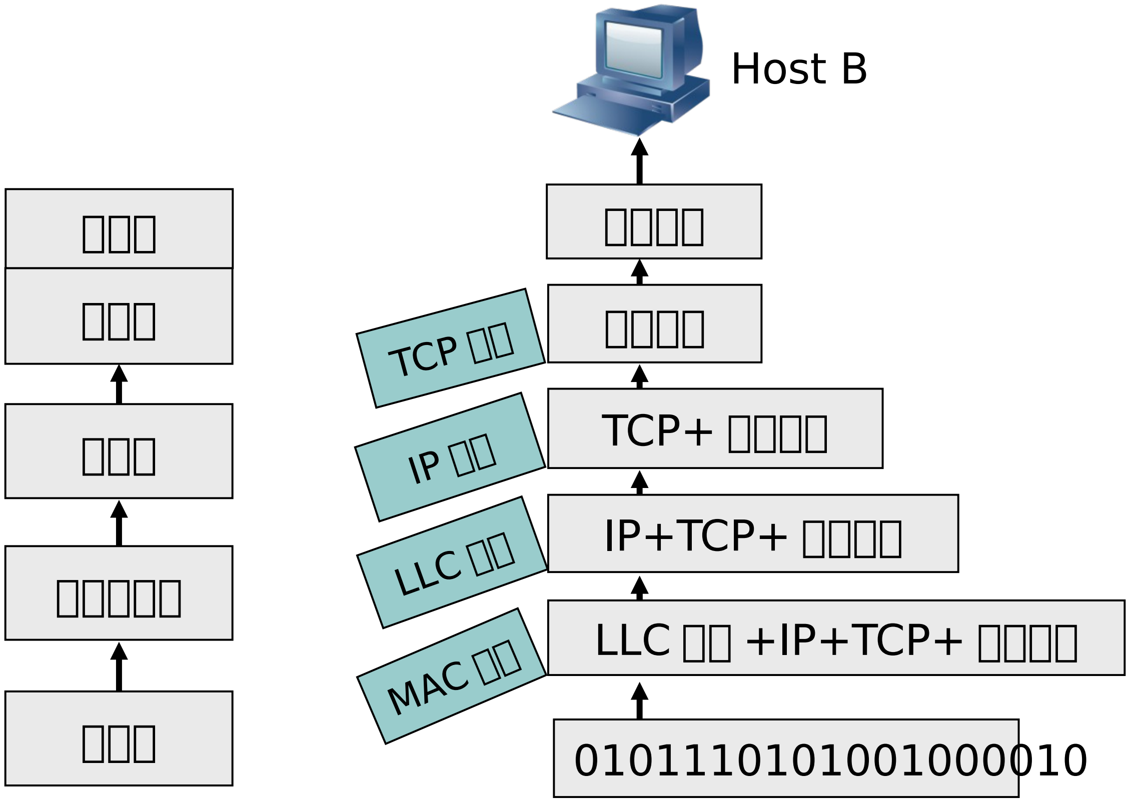

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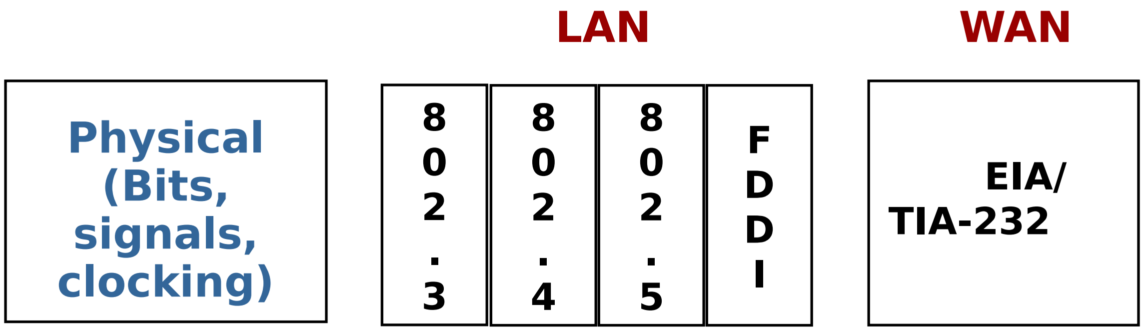

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[illegible]

MAC Sub-layer [illegible] Media Access Control Sub-Layer [illegible]

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LLC Sub-layer [illegible] Logic Link Control Sub-layer [illegible]

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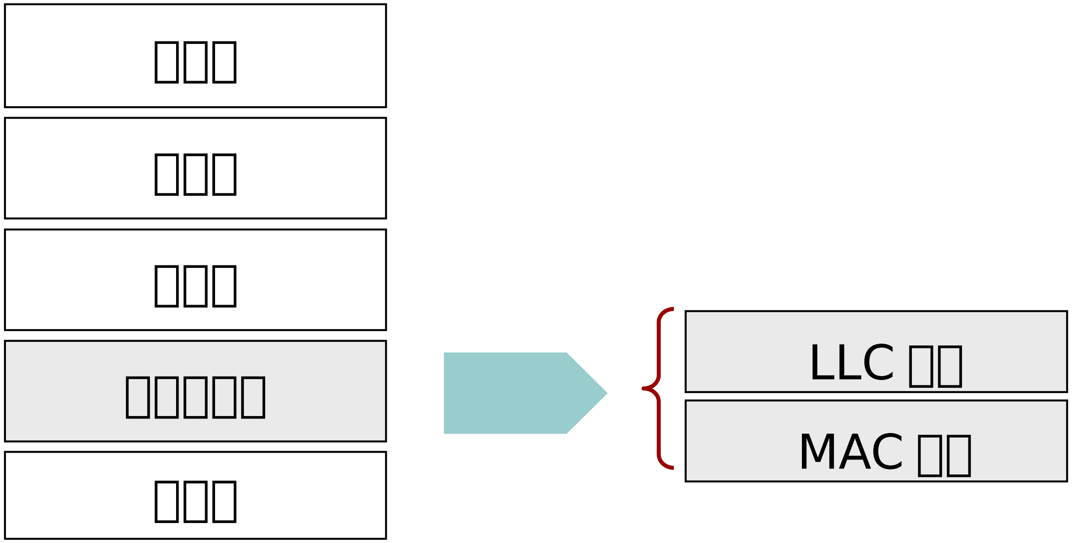

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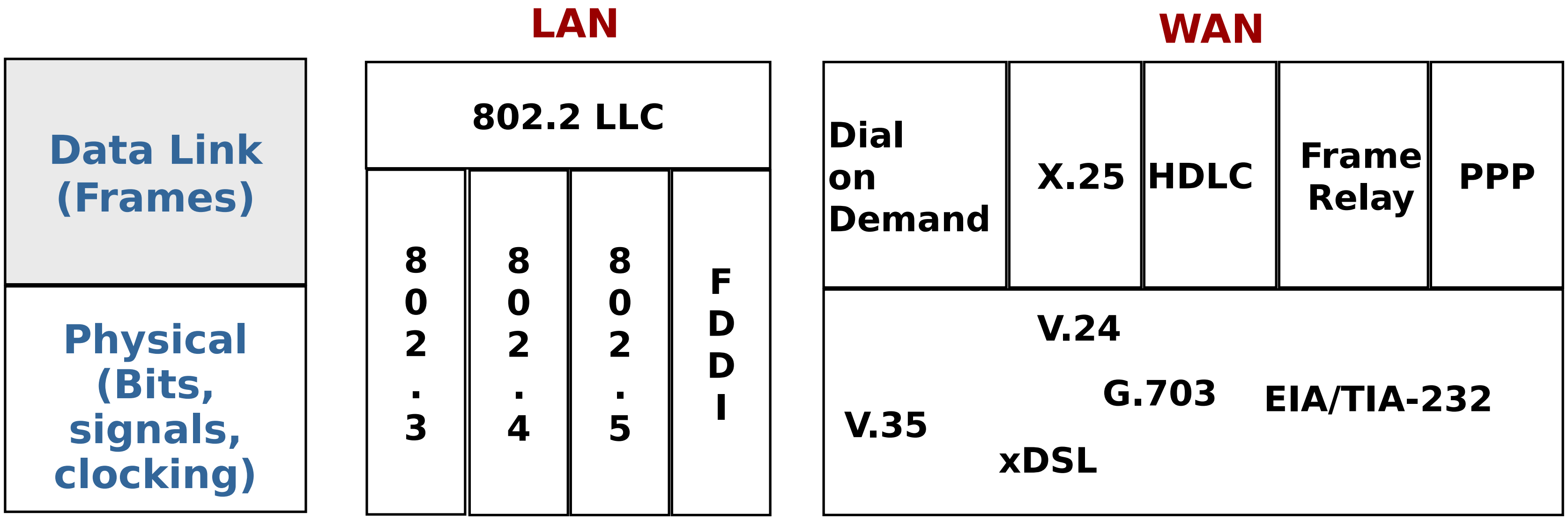

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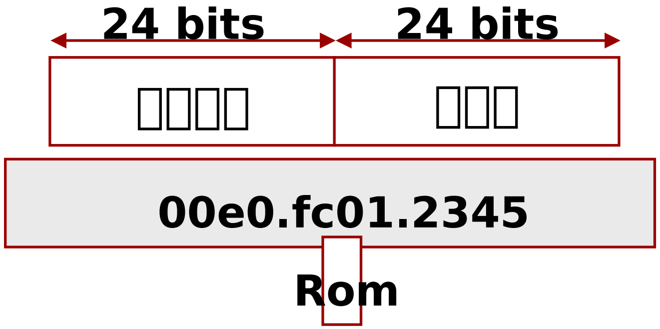
MAC [illegible] 48 [illegible] 3 [illegible] 0x00E0FC [illegible]

00e0.fc01.2345



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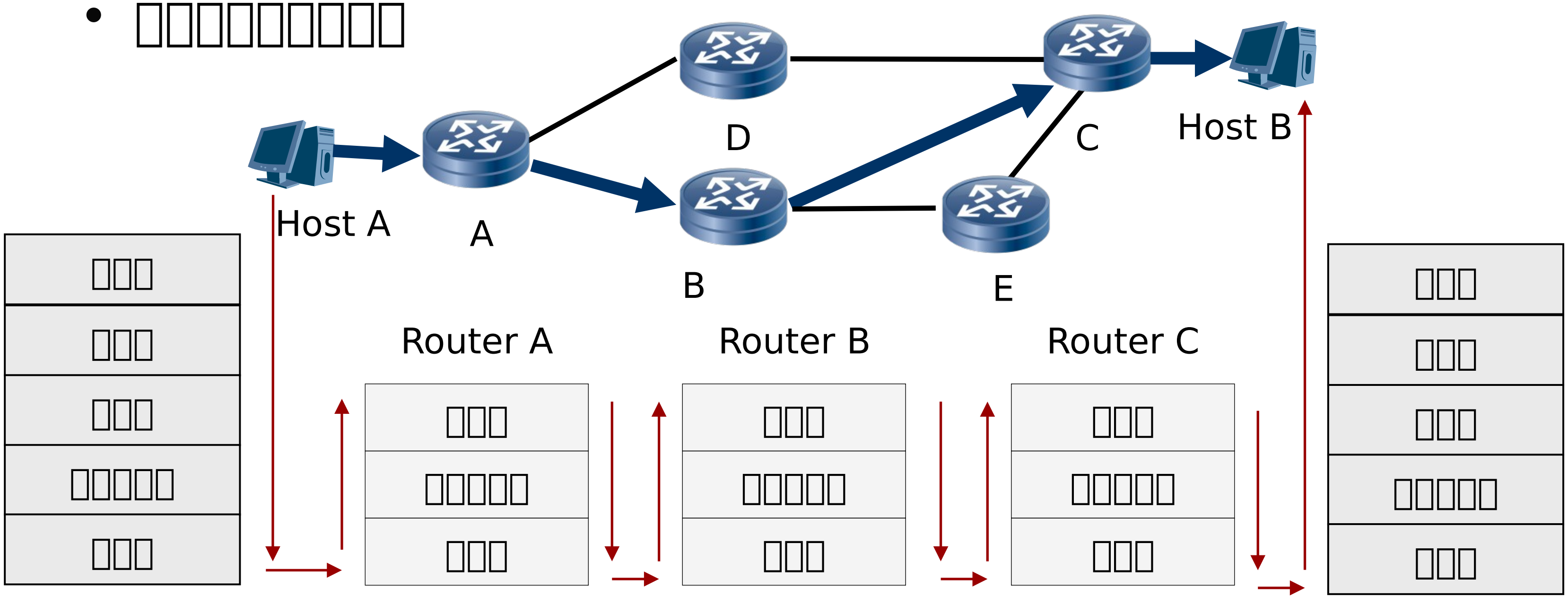

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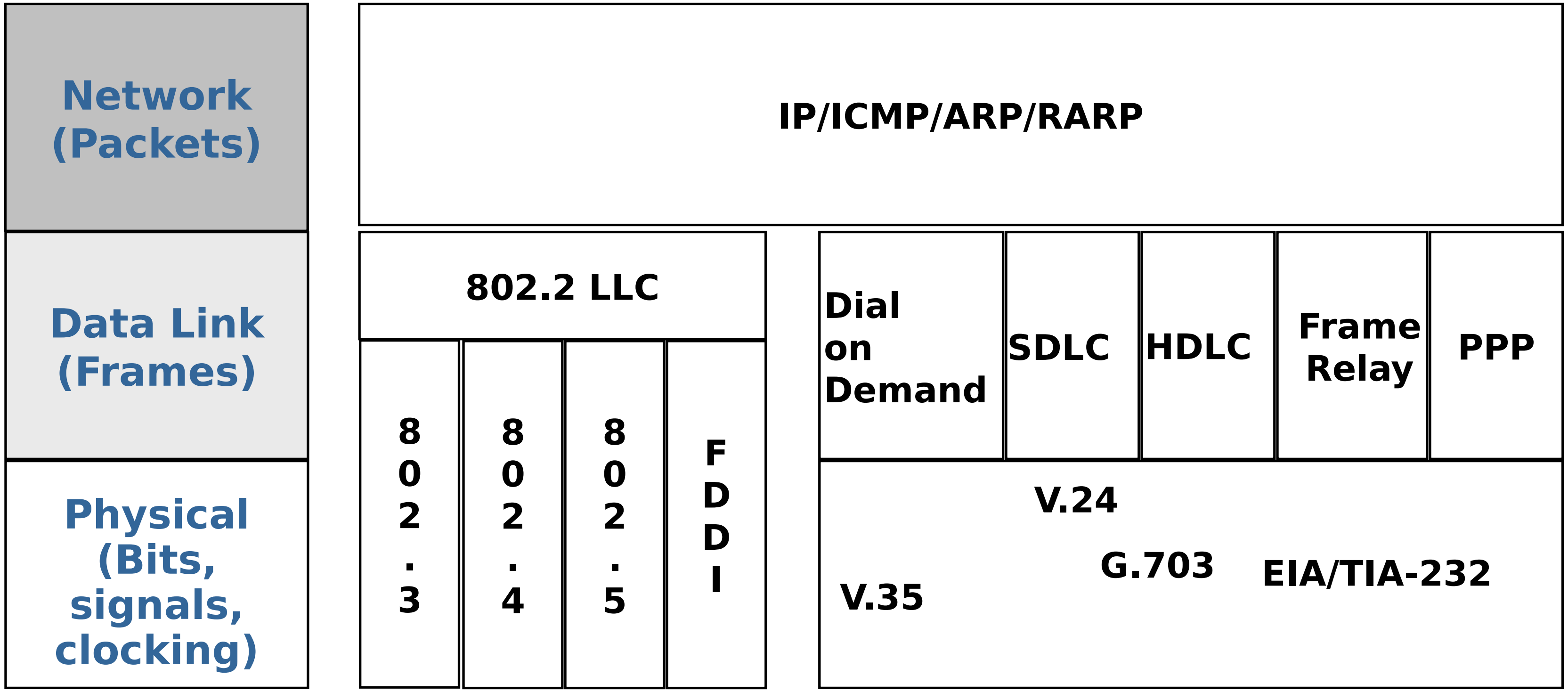

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IP [illegible]

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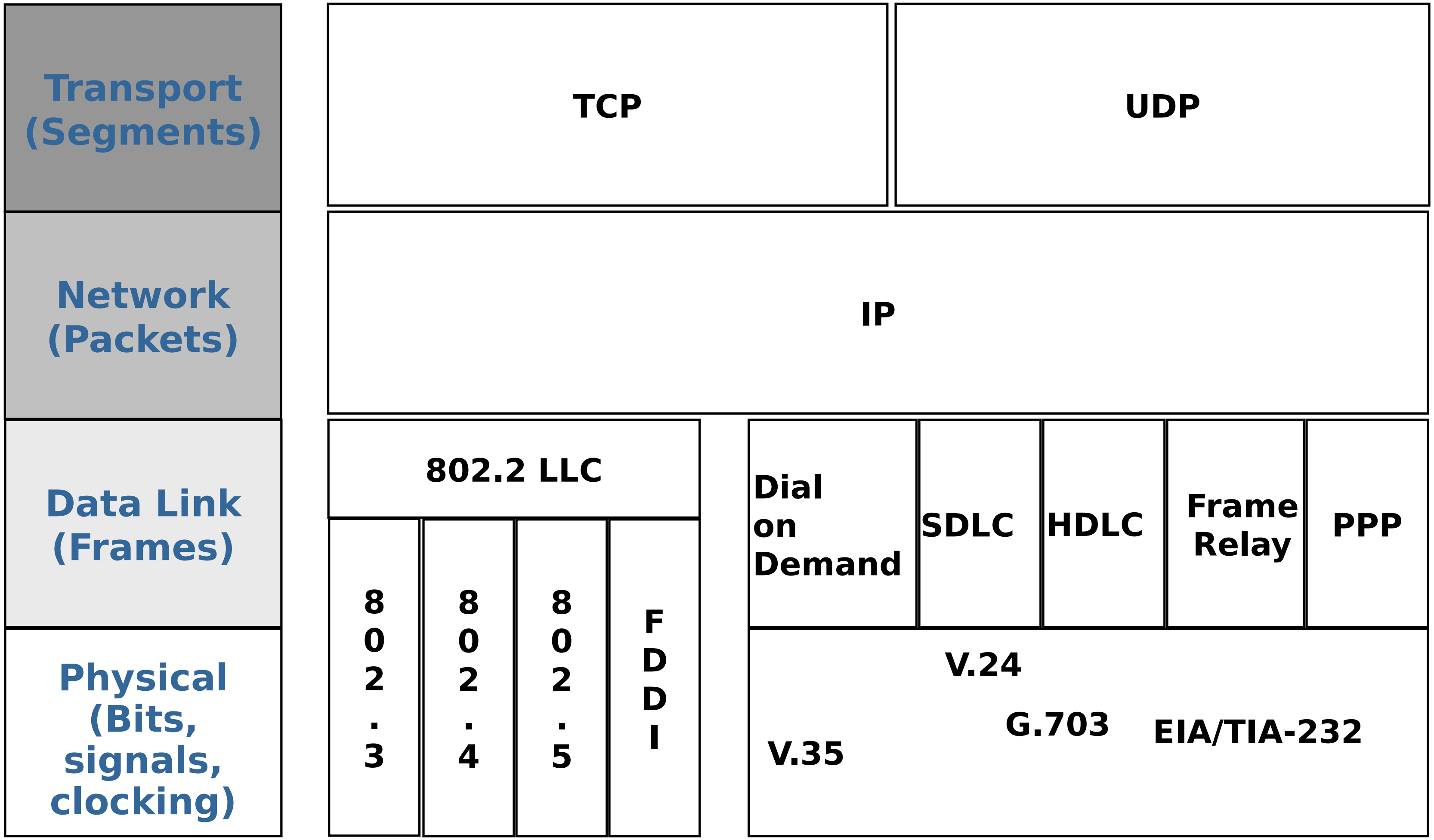

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TCP

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UDP

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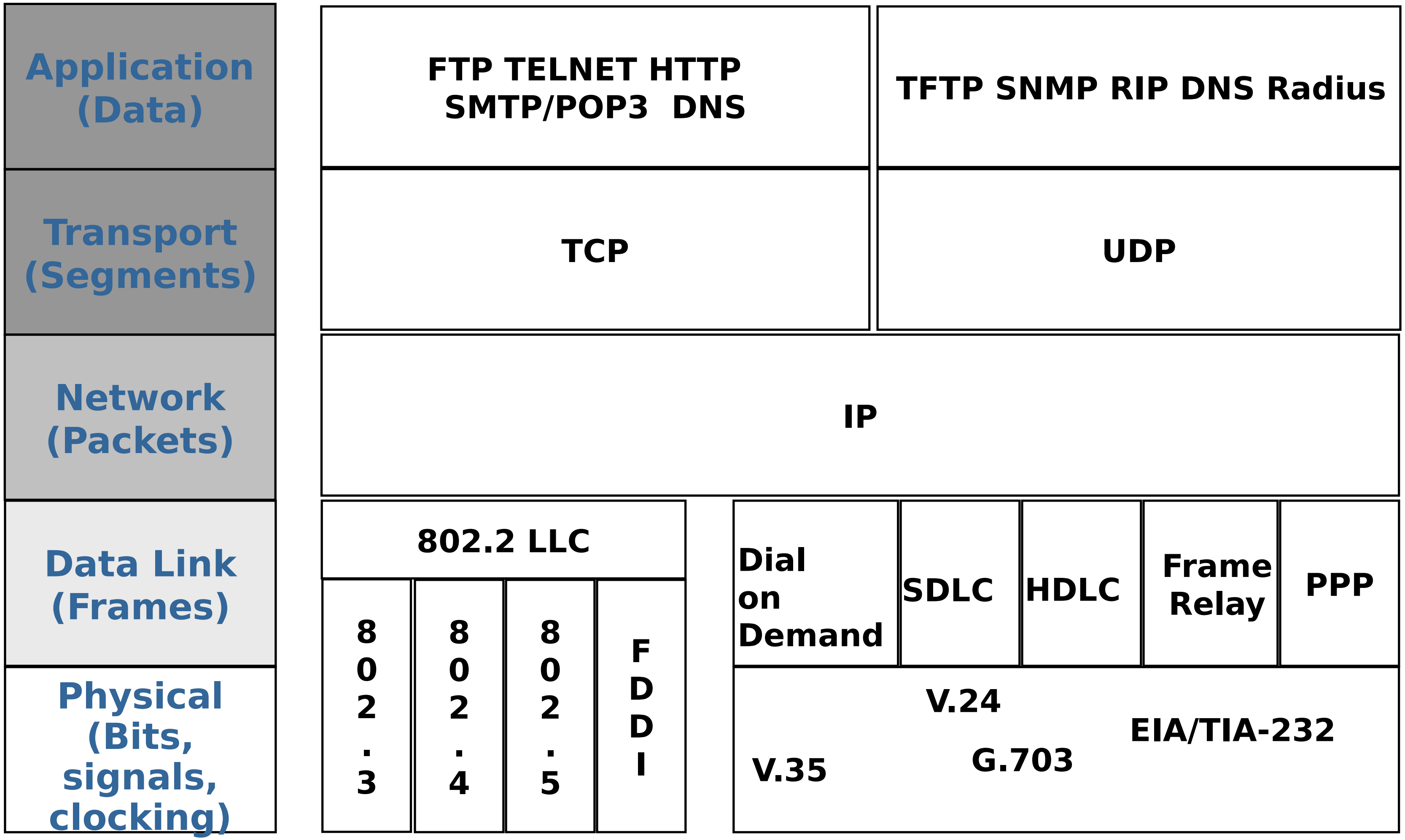

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1. TCP/IP [illegible]
2. **TCP/IP [illegible]**
3. [illegible]

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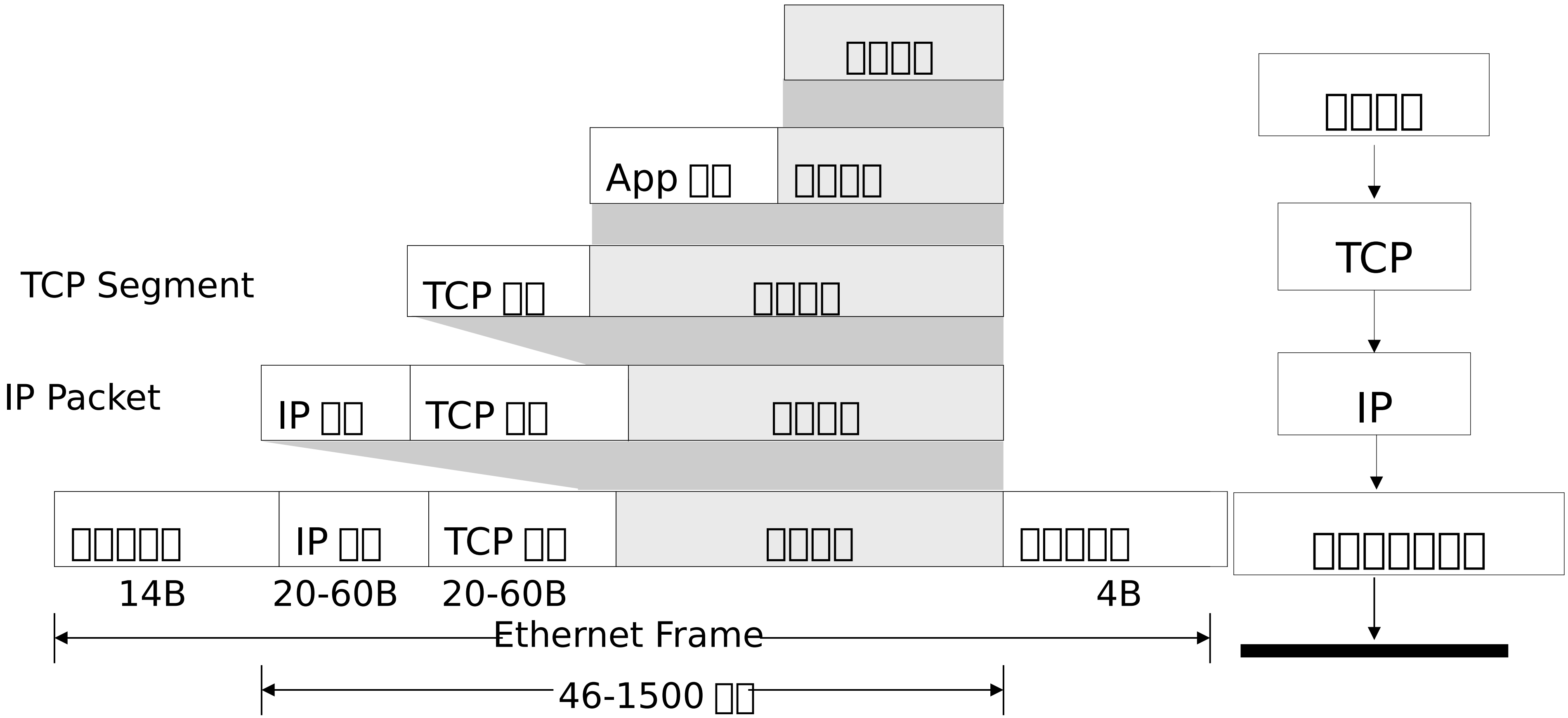
TCP/IP [illegible]



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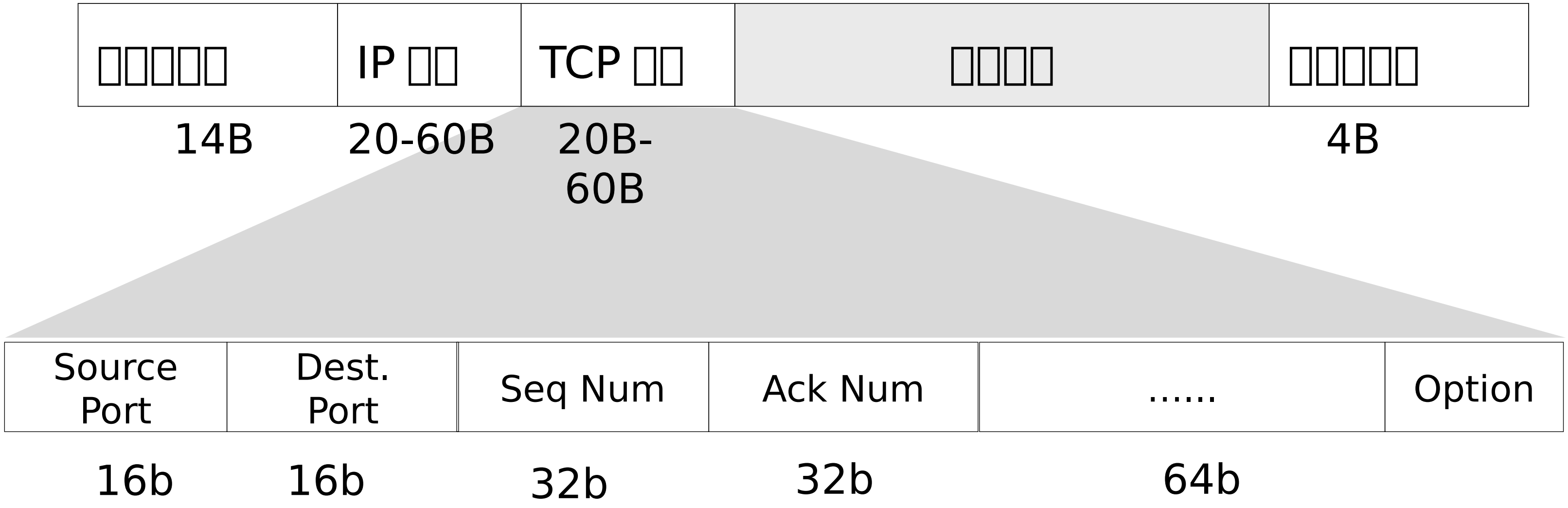
TCP Segment

Ethernet Frame



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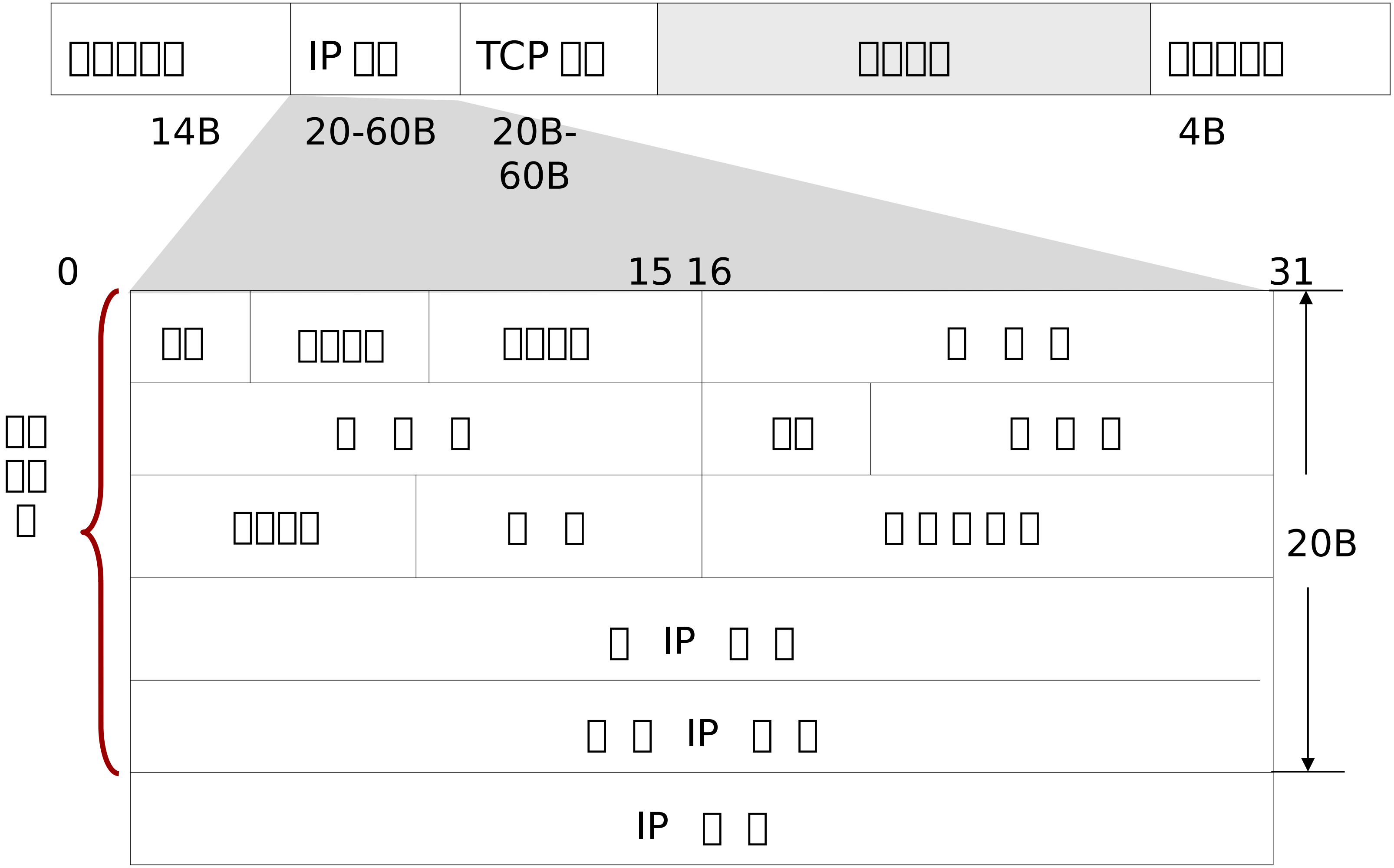
IP Packet



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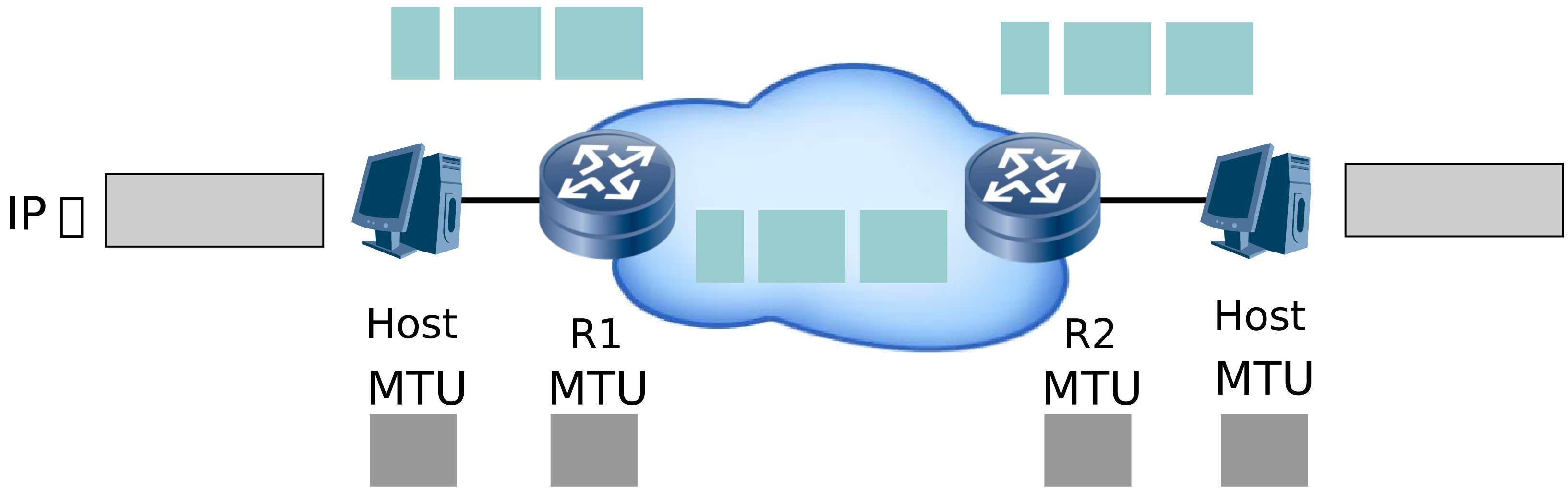
IP □□□□

□□□□□ IP □□□□□□ MTU □□□□□□□□□□□□□□□□□□□□



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Ethernet Frame

□□□□□	IP □□	TCP □□	□□□□	□□□□□
14B	20-60B	20B-60B		4B

DMAC	SMAC	L/T
6B	6B	2B

	Length/Type □	□□
Ethernet_II	Length/T > 1500	□□□
802.3	Length/T <= 1500	□□□

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```
▽ Ethernet II, Src: 00:11:5b:66:66:66, Dst: 00:d0:f8:38:43:cf
    Destination: 00:d0:f8:38:43:cf (FujianSt_38:43:cf)
    Source: 00:11:5b:66:66:66 (Elitegro_66:66:66)
    Type: IP (0x0800)
▽ Internet Protocol, Src Addr: 192.168.0.123 (192.168.0.123), Dst Addr: 202.109.72.70 (202.109.72.70)
    Version: 4
    Header length: 20 bytes
  ▷ Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    Total Length: 64
    Identification: 0x19ca (6602)
  ▷ Flags: 0x04 (Don't Fragment)
    Fragment offset: 0
    Time to live: 64
    Protocol: TCP (0x06)
    Header checksum: 0x4d17 (correct)
    Source: 192.168.0.123 (192.168.0.123)
    Destination: 202.109.72.70 (202.109.72.70)
▽ Transmission Control Protocol, Src Port: 3514 (3514), Dst Port: http (80), Seq: 0, Ack: 0, Len: 0
    Source port: 3514 (3514)
    Destination port: http (80)
    Sequence number: 0    (relative sequence number)
    Header length: 44 bytes
  ▷ Flags: 0x0002 (SYN)
    Window size: 8192
    Checksum: 0x7c32 (correct)
  ▷ Options: (24 bytes)

0010  00 40 19 ca 40 00 40 06  4d 17 c0 a8 00 7b ca 6d   .@..@.@. M....{.m
0020  48 46 0d ba 00 50 41 b1  76 3c 00 00 00 00 b0 02   HF...PA. v<......
0030  20 00 7c 32 00 00 02 04  05 b4 01 03 03 00 01 01    .|2.... ........
0040  08 0a 00 00 00 00 00 00  00 00 01 01 04 02         ........ ......
```

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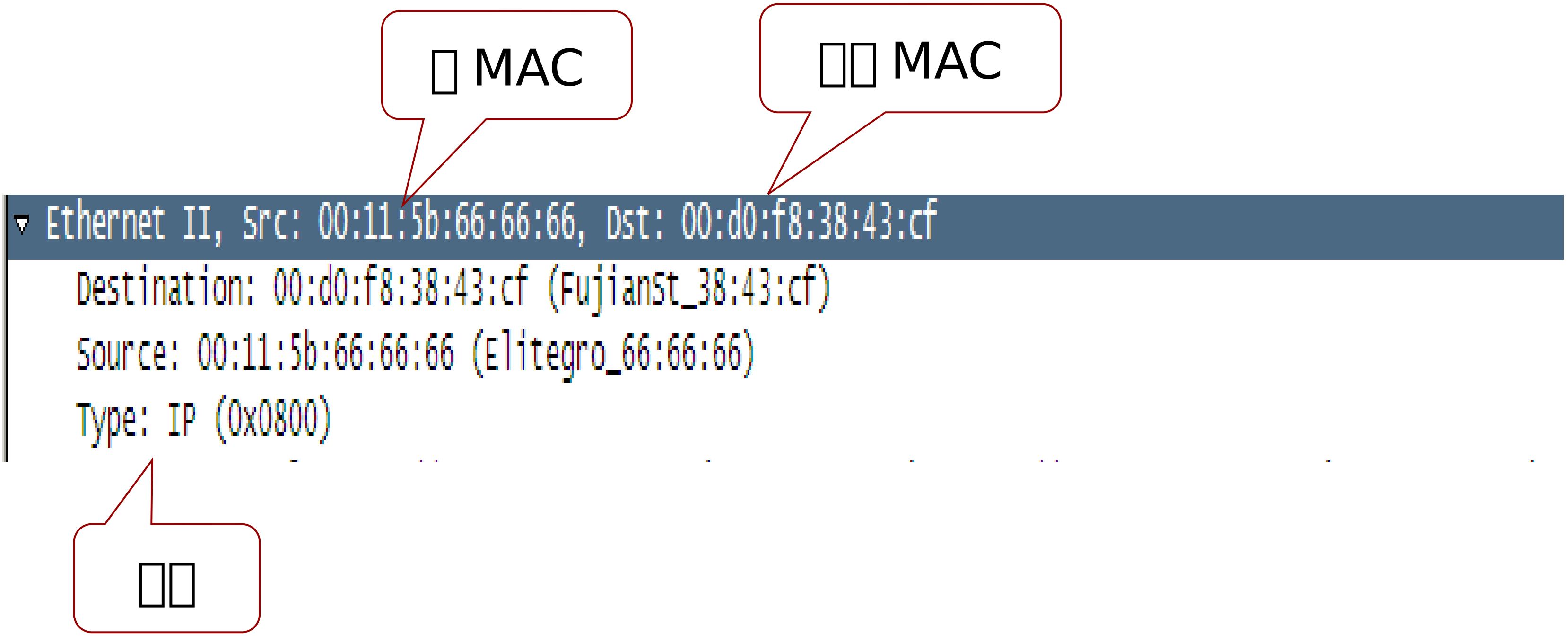

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□ IP

□□ IP

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▽ Internet Protocol, Src Addr: 192.168.0.123 (192.168.0.123), Dst Addr: 202.109.72.70 (202.109.72.70)
    Version: 4
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    Time to live: 64
    Protocol: TCP (0x06)
    Header checksum: 0x4d17 (correct)
    Source: 192.168.0.123 (192.168.0.123)
    Destination: 202.109.72.70 (202.109.72.70)
```

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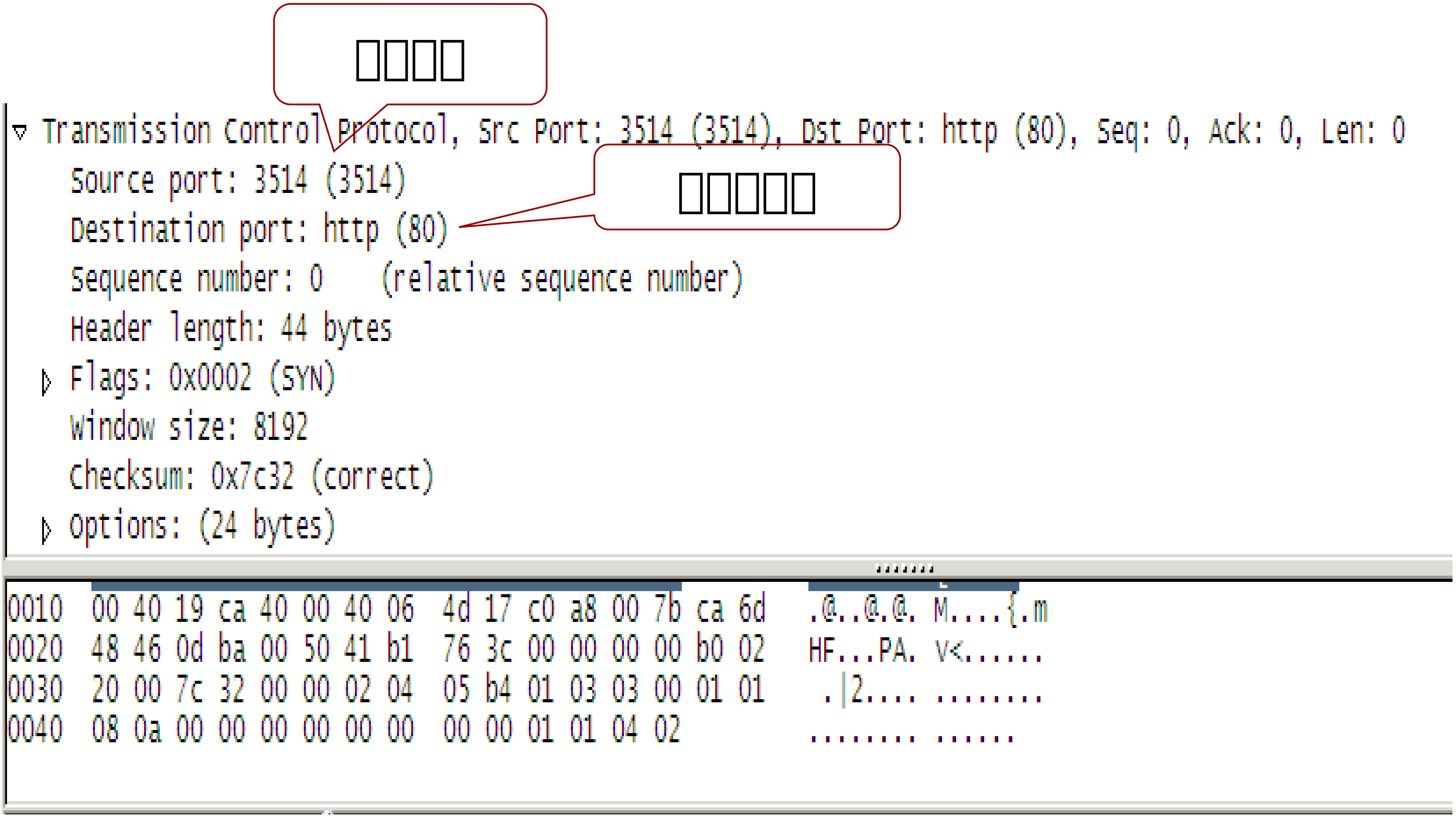

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MAC [illegible] IP [illegible]

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